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L Number	Hits	Search Text	DB	Time stamp
1	4	"2367148"	EPO; JPO; DERWENT	2004/07/26 07:57
-	134	thrust\$3 near9 riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 05:52
-	1885	thrust\$3 and 405/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:09
-	9510	thruster and 114/\$ or 441/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:10
-	432	thruster and (114/\$ or 441/\$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:20
-	2	"20020168232"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:23
-	2	"20020182014"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:25
-	2	"20010026733"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:30
-	2	"6551029"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:42
-	1072	brown and neal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:42
-	92	brown.in. and neal	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:46
-	3	grinius.in. and victor	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:51
-	7	grinius.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:49
-	44	shaar.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:49
-	26556	fischer.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 13:52
-	47	fischer.in. and ferdinand	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 14:29
-	1	("6148751").PN.	USPAT	2004/02/05 14:30
-	1	("6551029").PN.	USPAT	2004/02/05 14:37
-	1	("3894504").PN.	USPAT	2004/02/05 14:38

-	1	("3762352").PN.	USPAT	2004/02/05
-	2	((("3614032") or ("3763810"))).PN.	USPAT	21:55
-	1	("4300855").PN.	USPAT	2004/02/05
-	16	oreilly and 405/\$.ccls.	USPAT	14:42
-	1	("4089287").PN.	USPAT	2004/02/05
-	5	((("3327668") or ("3508512") or ("3844242") or ("3965840") or ("6148751"))).PN.	USPAT	15:14
-	1	("4474129").PN.	USPAT	2004/02/05
-	6	"180244"	USPAT	16:37
-	2	((("4576516") or ("3996755"))).PN.	EPO; JPO; DERWENT	2004/02/05
-	94932	(405/\$ or 114/\$ or 441/\$).ccls.	USPAT	16:40
-	4455	((405/\$ or 114/\$ or 441/\$).ccls.) and (thruster or propulsion)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05
-	92	riser same (thruster or propulsion)	USPAT; US-PGPUB; EPO; JPO; DERWENT	16:41
-	31	((405/\$ or 114/\$ or 441/\$).ccls.) and (riser same (thruster or propulsion))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05
-	33626	(405/\$ or 114/\$ or 441/\$).ccls.	USOCR	16:53
-	13	((405/\$ or 114/\$ or 441/\$).ccls.) and (riser same (thruster or propulsion))	USOCR	2004/02/06
-	85	riser same (thruster or propulsion)	USOCR	00:57
-	2	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) same (thruster or propulsion)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05
-	0	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) and (thruster or propulsion) and ((405/\$ or 114/\$ or 441/\$).ccls.)	USOCR	17:36
-	5	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) and (thruster or propulsion) and ((405/\$ or 114/\$ or 441/\$).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05
-	6	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) and (thruster or propulsion)	USPAT; US-PGPUB; EPO; JPO; DERWENT	17:40

-	13	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) and (thruster or propulsion)	USOCR	2004/02/05 17:47
-	10	((bucket or scoop) near4 air) same excavating	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 20:44
-	1654	vertical\$2 near5 (thruster or propulsion)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 21:57
-	251	(vertical\$2 near5 (thruster or propulsion)) and (405/\$ or 114/\$ or 441/\$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 21:56
-	203489	vertical\$2 near5 (mov\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 21:57
-	37	((vertical\$2 near5 (thruster or propulsion)) and (405/\$ or 114/\$ or 441/\$).ccls.) and (vertical\$2 near5 (mov\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 21:57
-	35	((("20030131777") or ("20020035957") or ("6551029") or ("6349664") or ("6148751") or ("6148751") or ("4089287") or ("3327668") or ("3965840") or ("3844242") or ("3508512") or ("3413946") or ("4174628") or ("6027286") or ("6644894") or ("20020035957") or ("3894504") or ("3762352")).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/05 23:57
-	8	((("20030131777") or ("20020035957") or ("6551029") or ("6349664") or ("6148751") or ("6148751") or ("4089287") or ("3327668") or ("3965840") or ("3844242") or ("3508512") or ("3413946") or ("4174628") or ("6027286") or ("6644894") or ("20020035957") or ("3894504") or ("3762352")).PN.) and (rotate or rotatable or rotating)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 00:55
-	6	((("20030131777") or ("20020035957") or ("6551029") or ("6349664") or ("6148751") or ("6148751") or ("4089287") or ("3327668") or ("3965840") or ("3844242") or ("3508512") or ("3413946") or ("4174628") or ("6027286") or ("6644894") or ("20020035957") or ("3894504") or ("3762352")).PN.) and (helical)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 00:56
-	0	(thruster or propulsion) near4 heical	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 00:58
-	94932	(405/\$ or 114/\$ or 441/\$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 00:57
-	0	(thruster or propulsion) near9 heical	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 00:58
-	148	(thruster or propulsion) near9 helical	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 00:58

-	11	((405/\$ or 114/\$ or 441/\$).ccls.) and ((thruster or propulsion) near9 helical)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 01:00
-	382	fischer and ((405/\$ or 114/\$ or 441/\$).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 01:01
-	297	lee.in. and ((405/\$ or 114/\$ or 441/\$).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 01:02
-	407	shue.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 01:03
-	0	shue.in. and ((405/\$ or 114/\$ or 441/\$).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 01:03
-	6903	shu.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 01:03
-	0	(shue.in. and ((405/\$ or 114/\$ or 441/\$).ccls.)) and ((405/\$ or 114/\$ or 441/\$).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 01:03
-	11	shu.in. and ((405/\$ or 114/\$ or 441/\$).ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/02/06 01:03
-	17	("0039394"   "0179266"   "1818705"   "2663276"   "2998790"   "3342032"   "3628488"   "3710748"   "3717113"   "4078605"   "4286434"   "4656959"   "5875728"   "5984584"   "6148751"   "6196768"   "6349664").PN.	USPAT	2004/02/06 01:03
-	11	("2663276"   "2998790"   "3717113"   "4078605"   "4286434"   "4656959"   "5875728"   "5984584"   "6148751"   "6196768"   "6349664").PN.	USPAT	2004/02/06 01:04
-	11	("2663276"   "2998790"   "3717113"   "4078605"   "4286434"   "4656959"   "5875728"   "5984584"   "6148751"   "6196768"   "6349664").PN.	USPAT	2004/02/06 01:04
-	4	("2663276"   "3667239"   "5908217"   "6148751").PN.	USPAT	2004/02/06 01:05
-	2	((("4576516") or ("3996755"))).PN.	USPAT	2004/02/07 16:24
-	1	("4474129").PN.	USPAT	2004/02/07 16:24
-	1	("4474129").PN.	USPAT	2004/07/23 17:26
-	2	thruster near3 riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 17:31
-	0	thruster near3 riser	USOCR	2004/07/23 17:31
-	3	propeller near3 riser	USOCR	2004/07/23 17:32
-	4	propeller near3 riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:10
-	9689	(thrust\$3 or propul\$4) near8 vertical\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:12

-	13	((thrust\$3 or propul\$4) near8 vertical\$3) same riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:11
-	1290	((thrust\$3 or propul\$4) near8 move\$4) near6 vertical\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:58
-	827	((thrust\$3 or propul\$4) near5 move\$4) near6 vertical\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:14
-	740	((thrust\$3 or propul\$4) near5 move\$4) near4 vertical\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:14
-	419	((thrust\$3 or propul\$4) near3 move\$4) near4 vertical\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:19
-	3312	((405/211-213) or (405/216) or (114/67a) or (114/67r) or (114/264-265) or (166/355)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:19
-	2	((((thrust\$3 or propul\$4) near3 move\$4) near4 vertical\$3) and (((405/211-213) or (405/216) or (114/67a) or (114/67r) or (114/264-265) or (166/355)).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:19
-	924	((405/211-213) or (405/216) or (114/67a) or (114/67r) or (114/264-265) or (166/355)).CCLS.	USOCR	2004/07/23 20:00
-	206	((thrust\$3 or propul\$4) near3 move\$4) near4 vertical\$3	USOCR	2004/07/23 19:19
-	1	((405/211-213) or (405/216) or (114/67a) or (114/67r) or (114/264-265) or (166/355)).CCLS.) and (((thrust\$3 or propul\$4) near3 move\$4) near4 vertical\$3)	USOCR	2004/07/23 19:19
-	6848	(thrust\$3 or propul\$4) near8 vertical\$3	USOCR	2004/07/23 19:21
-	23	((405/211-213) or (405/216) or (114/67a) or (114/67r) or (114/264-265) or (166/355)).CCLS.) and ((thrust\$3 or propul\$4) near8 vertical\$3)	USOCR	2004/07/23 19:21
-	8	3553968.URPN.	USPAT	2004/07/23 19:25
-	49	((thrust\$3 or propul\$4) near8 vertical\$3) and (((405/211-213) or (405/216) or (114/67a) or (114/67r) or (114/264-265) or (166/355)).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:35
-	6	((((thrust\$3 or propul\$4) near8 move\$4) near6 vertical\$3) and (((405/211-213) or (405/216) or (114/67a) or (114/67r) or (114/264-265) or (166/355)).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 19:59
-	205	(166/355).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:00
-	258964	thrust\$3 or propul\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:01
-	30	((166/355).CCLS.) and (thrust\$3 or propul\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:10
-	175	((166/355).CCLS.) not (((166/355).CCLS.) and (thrust\$3 or propul\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:10

-	72	((thrust\$3 or propul\$4) near4 (moveable or moving or move)) near5 (up and down)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:30
-	567	((thrust\$3 or propul\$4) near4 (moveable or moving or move)) near5 (along)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:35
-	34	((((thrust\$3 or propul\$4) near4 (moveable or moving or move)) near5 (along)) and (405/\$ or 114/\$ or 166/\$).ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:34
-	4	((((thrust\$3 or propul\$4) near4 (moveable or moving or move)) near5 (up and down)) near5 (along)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 20:36
-	18	("3111926"   "3360810"   "3535883"   "3580207"   "3602174"   "3712260"   "3778854"   "4170186"   "4280430"   "4576521"   "4604961"   "4666339"   "4702321"   "4797033"   "4802432"   "4906139"   "4936710"   "5706897").PN.	USPAT	2004/07/23 20:54
-	7	6027286.URPN.	USPAT	2004/07/23 21:00
-	0	20030131777.URPN.	USPAT	2004/07/23 21:11
-	2	("3273526"   "3673973").PN.	USPAT	2004/07/23 21:11
-	1	3762352.URPN.	USPAT	2004/07/23 21:11
-	6	("0837288"   "2735393"   "3311079"   "3508512"   "3509844"   "3730126").PN.	USPAT	2004/07/23 21:13
-	7	3965840.URPN.	USPAT	2004/07/23 21:14
-	7	3965840.URPN.	USPAT	2004/07/23 21:16
-	0	6551029.URPN.	USPAT	2004/07/23 21:17
-	0	6551029.URPN.	USPAT	2004/07/23 21:17
-	11	("2663276"   "2998790"   "3717113"   "4078605"   "4286434"   "4656959"   "5875728"   "5984584"   "6148751"   "6196768"   "6349664").PN.	USPAT	2004/07/23 21:17
-	5	6148751.URPN.	USPAT	2004/07/23 21:20
-	3	("2663276"   "3667239"   "5908217").PN.	USPAT	2004/07/23 21:21
-	2	6349664.URPN.	USPAT	2004/07/23 21:22
-	4	("2663276"   "3667239"   "5908217"   "6148751").PN.	USPAT	2004/07/23 21:22
-	5	6148751.URPN.	USPAT	2004/07/23 21:22
-	6	4089287.URPN.	USPAT	2004/07/23 21:22
-	3	("3844242"   "3965840"   "3987744").PN.	USPAT	2004/07/23 21:23
-	7	3327668.URPN.	USPAT	2004/07/23 21:25
-	8	3413946.URPN.	USPAT	2004/07/23 21:25
-	8	3553968.URPN.	USPAT	2004/07/23 21:27
-	1120	((405/211-213) or (405/216)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/23 21:30

-	50	((("6027286") or ("3762352") or ("3894504") or ("20030131777") or ("20020035957") or ("6551029") or ("6349664") or ("3965840") or ("6148751") or ("6148751") or ("4089287") or ("3327668") or ("3508512") or ("3844242") or ("4174628") or ("3553968") or ("3413946") or ("20020035957") or ("6644894") or ("5017165") or ("4204656") or ("2101282"))).PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 05:54
-	39368	riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 05:54
-	12	((("6027286") or ("3762352") or ("3894504") or ("20030131777") or ("20020035957") or ("6551029") or ("6349664") or ("3965840") or ("6148751") or ("6148751") or ("4089287") or ("3327668") or ("3508512") or ("3844242") or ("4174628") or ("3553968") or ("3413946") or ("20020035957") or ("6644894") or ("5017165") or ("4204656") or ("2101282"))).PN.) and riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 06:01
-	7989	thruster	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 06:01
-	16	((166/355).CCLS.) and thruster	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 06:02
-	12	((((166/355).CCLS.) and thruster) and riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 06:02
-	205	(166/355).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 06:05
-	3	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) same (thruster or propulsion)	USOCR	2004/07/25 06:20
-	2	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) same (thruster or propulsion)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 16:01
-	1101	((405/211) or (405/212) or (405/213) or (405/216)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:50
-	1098	((405/211) or (405/212) or (405/213) or (405/216)).CCLS.) not ((166/355).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 07:38
-	963	((114/67a) or (114/67r)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:49
-	1079	((114/264) or (114/265)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:50

-	1303	((405/211) or (405/212) or (405/213) or (405/216)).CCLS.) or ((166/355).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 07:38
-	958	((114/67a) or (114/67r)).CCLS.) not (((405/211) or (405/212) or (405/213) or (405/216)).CCLS.) or ((166/355).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 07:41
-	2261	((114/67a) or (114/67r)).CCLS.) or (((405/211) or (405/212) or (405/213) or (405/216)).CCLS.) or ((166/355).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 07:39
-	2035	((114/67a) or (114/67r)).CCLS.) or ((114/264) or (114/265)).CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:48
-	4	((114/67a) or (114/67r)).CCLS.) not (((405/211) or (405/212) or (405/213) or (405/216)).CCLS.) or ((166/355).CCLS.)) and riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:45
-	1647	((thrust\$3 or propuls\$4) near5 mov\$5) near14 ((up and down) or vertical\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:49
-	4	((114/67a) or (114/67r)).CCLS.) or ((114/264) or (114/265)).CCLS.) and ((thrust\$3 or propuls\$4) near5 mov\$5) near14 ((up and down) or vertical\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:52
-	358	((thrust\$3 or propuls\$4) near5 (move or moveable or moving or moves or moved)) near14 ((up and down) or vertical\$3)	USOCR	2004/07/25 08:49
-	433	((114/67a) or (114/67r)).CCLS.	USOCR	2004/07/25 08:49
-	215	((114/264) or (114/265)).CCLS.	USOCR	2004/07/25 08:50
-	648	((114/67a) or (114/67r)).CCLS.) or ((114/264) or (114/265)).CCLS.)	USOCR	2004/07/25 08:50
-	0	((thrust\$3 or propuls\$4) near5 (move or moveable or moving or moves or moved)) near14 ((up and down) or vertical\$3) and ((114/67a) or (114/67r)).CCLS.) or ((114/264) or (114/265)).CCLS.)	USOCR	2004/07/25 08:51
-	1303	((405/211) or (405/212) or (405/213) or (405/216) or (166/355)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:51
-	278	((405/211) or (405/212) or (405/213) or (405/216) or (166/355)).CCLS.	USOCR	2004/07/25 08:51
-	1	((thrust\$3 or propuls\$4) near5 (move or moveable or moving or moves or moved)) near14 ((up and down) or vertical\$3) and ((405/211) or (405/212) or (405/213) or (405/216) or (166/355)).CCLS.)	USOCR	2004/07/25 08:51
-	2	((405/211) or (405/212) or (405/213) or (405/216) or (166/355)).CCLS.) and ((thrust\$3 or propuls\$4) near5 mov\$5) near14 ((up and down) or vertical\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 08:52
-	1032	((114/264) or (114/265)).CCLS.) not ((114/67a) or (114/67r)).CCLS.) or (((405/211) or (405/212) or (405/213) or (405/216)).CCLS.) or ((166/355).CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 09:11
-	8	3553968.URPN.	USPAT	2004/07/25 09:23
-	0	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) near9 (riser)	USOCR	2004/07/25 16:01

-	45	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration') or ('viv')) near9 (riser)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 05:57
-	23160	(cutting or cutter) same ((ultra adj hard) or (tungsten adj carbide) or diamond)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 21:26
-	45591	continuous near3 layer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 21:27
-	1792920	substrate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 21:27
-	1154	substrate and (intermediate or transition) and (tungsten adj carbide) and ((ultra adj hard) or diamond)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 21:31
-	107	(continuous near3 layer) and (substrate and (intermediate or transition) and (tungsten adj carbide) and ((ultra adj hard) or diamond))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 21:34
-	21	substrate and (intermediate or transition) and (tungsten adj carbide) and ((ultra adj hard) or diamond)	USOCR	2004/07/25 21:32
-	15	(substrate and (intermediate or transition) and (tungsten adj carbide) and ((ultra adj hard) or diamond)) and (cutter or cutting)	USOCR	2004/07/25 21:33
-	66	((continuous near3 layer) and (substrate and (intermediate or transition) and (tungsten adj carbide) and ((ultra adj hard) or diamond))) and (cutting or cutter)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 21:40
-	0	substrate same (continuous adj layer) same (ultra adj layer) same (cutter or cutting)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/25 21:41
-	30	("3743489"   "3767371"   "4108614"   "4156329"   "4255165"   "4478298"   "4498549"   "4525179"   "4539018"   "4605343"   "4689919"   "4726718"   "4871377"   "4943488"   "5011509"   "5049164"   "5116568"   "5135061"   "5159857"   "5199832"   "5205684"   "5217081"   "5492188"   "5496638"   "5498480"   "5833021"   "5944129"   "6106957"   "6187068"   "6248447").PN.	USPAT	2004/07/25 21:42
-	0	6439327.URPN.	USPAT	2004/07/25 21:50
-	1079	(114/264-265).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 04:43
-	1101	((405/211) or (405/212) or (405/213) or (405/216)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 05:32
-	494	((166/355) or (166/367)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 05:34
-	122961	((("166") or ("405") or ("114"))).CLAS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 05:42

-	43372	((("166") or ("405") or ("114"))).CLAS.	USOCR	2004/07/26 05:43
-	10	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration')) or ('viv')) ) and (405/\$ or 114/\$ or 166/\$).ccls.	USOCR	2004/07/26 05:43
-	10	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration')) or ('viv')) ) and ((("166") or ("405") or ("114"))).CLAS.)	USOCR	2004/07/26 05:47
-	59	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration')) or ('viv')) ) and ((("166") or ("405") or ("114"))).CLAS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 05:48
-	45	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration')) or ('viv')) near9 (riser)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 05:57
-	196	((((114/67a) or (114/67r)).CCLS.) or ((114/264) or (114/265)).CCLS.)) and riser	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 06:00
-	963	((114/67a) or (114/67r)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 06:00
-	370	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration')) or ('viv'))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 06:13
-	12	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration')) or ('viv')) ) same (smooth or smoothness)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 06:13
-	1695	((vortex adj induce adj vibration) or (vortex adj induced adj vibration) or ('vortex-induce' adj vibration) or ('vortex-induced' adj vibration) or (vortex-induce-vibration) or ('vortex-induced-vibration')) or ('viv'))	USOCR	2004/07/26 07:57